



414

SEQUENCE LISTING

<110> Kumar Verma, Sunil
Singh, Lalji

<120> UNIVERSAL PRIMERS FOR WILDLIFE IDENTIFICATION

<130> U 013365-9

<140> 09/821,782

<141> 2001-03-29

<160> 255

<170> PatentIn version 3.1

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<223> Universal primer "mcb 398" for amplifying fragment of cytochrome b gene of animal species

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25

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<213> bhz25t

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<220>
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<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

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acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctatgactaa tcctaacact catactactc 240
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<210> 7
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<212> DNA
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<220>
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<400> 7
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acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctatgactaa tcctaacact catactactc 240
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<210> 8
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<212> DNA
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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag 120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctatgactaa tcctaacact catactactc 240
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aacacccctc cccatatcaa gcgcgaat 328

<210> 9
<211> 328
<212> DNA
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<220>
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<400> 9
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tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240
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aacacccctc cccatatcaa gcgcgaat 328

<210> 10
<211> 328
<212> DNA
<213> bhz56t

<220>
<221> misc_feature
<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 5 using primers mcb398 and mcb869

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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag 120
acaggatcta acaacccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240
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aacacccctc cccatatcaa gcgcgaat 328

<210> 11
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<212> DNA

<213> bhz63t

<220>

<221> misc_feature

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acaggatcta	acaaccctc	aggaatagta	tctgactcg	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attagggac	cccgataact	acatccccgc	caaccctcta	300
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<210> 12

<211> 328

<212> DNA

<213> bhz20wt

<220>

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<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

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<221> misc_feature

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 12

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acaggatcta	acaaccctc	aggaatagta	tctgactcg	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attagggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaaat				328

<210> 13

<211> 328

<212> DNA

<213> bhz22wt

<220>
<221> misc_feature
<223> DNA sequence generated from the known white tiger (Panthera
tigris tigris) animal number 2 using primers mcb398 and mcb869

<400> 13
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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag 120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240
gtcctattct caccagacct attagggac cccgataact acatccccgc caaccctcta 300
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<210> 14
<211> 328
<212> DNA
<213> bhz23wt

<220>
<221> misc_feature
<223> DNA sequence generated from the known white tiger (Panthera
tigris tigris) animal number 3 using primers mcb398 and mcb869

<400> 14
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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag 120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240
gtcctattct caccagacct attagggac cccgataact acatccccgc caaccctcta 300
aacaccctc cccatatcaa gcgcaat 328

<210> 15
<211> 328
<212> DNA
<213> bhz28wt

<220>
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<223> DNA sequence generated from the known white tiger (Panthera
tigris tigris) animal number 4 using primers mcb398 and mcb869

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acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240
gtcctattct caccagacct attagggac cccgataact acatccccgc caaccctcta 300
aacaccctc cccatatcaa gcgcgaat 328

<210> 16
<211> 328
<212> DNA
<213> gz1L

<220>
<221> misc_feature
<223> DNA sequence generated from the known leopared (Panthera pardus)
animal number 1 using primers mcb398 and mcb869

<220>
<221> misc_feature
<223> DNA sequence generated from the known leopared (Panthera pardus)
animal number 1 using primers mcb398 and mcb869

<400> 16
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acaggatcta acaaccctc aggaatagta tccgactcag acaaaattcc attccaccca 180
tactacacaa tcaaagatat cctgggcctt ctagtactaa tcctagcact catactactc 240
gtcctattct caccagacct gtttaggagac cccgataact acatccctgc caaccctcta 300
aataaccctc cccatatcaa gcctgaat 328

<210> 17
<211> 328
<212> DNA
<213> gz2L

<220>
<221> misc_feature
<223> DNA sequence generated from the known leopared (Panthera pardus)
animal number 2 using primers mcb398 and mcb869

<220>

<221> misc_feature
<223> DNA sequence generated from the known leopared (Panthera pardus)
animal number 2 using primers mcb398 and mcb869

<400> 17
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ttcatccttc catttatcat ctcagctcta gcagcagtcc acctcctatt ctttcacgag 120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaattcc attccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcttagcact catactactc 240
gtcctattct caccagacct gttgggagac cccgataact acatccccgc caaccctcta 300
aataccctc cccatatcaa gcctgaat 328

<210> 18
<211> 328
<212> DNA
<213> gz3L

<220>
<221> misc_feature
<223> DNA sequence generatd from the known leopared (Panthera pardus)
animal number 3 using primers mcb398 and mcb869

<220>
<221> misc_feature
<223> DNA sequence generated from the known leopared (Panthera pardus)
animal number 3 using primers mcb398 and mcb869

<400> 18
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acaggatcta acaaccctc aggaatagta tctgactcag acaaaattcc attccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcttagcact catactactc 240
gtcctattct caccagacct gttgggagac cccgataact acatccccgc caaccctcta 300
aataccctc cccatatcaa gcctgaat 328

<210> 19
<211> 327
<212> DNA
<213> gz21CL

<220>
<221> misc_feature

<223> DNA sequence generated from the known clouded leopard (Neofelis nebulosa) animal number 1 using primers mcb398 and mcb869

<400> 19
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ttcatcctcc catttatcat ctcagcctta gcagcagttc accttctatt tctccatgaa 120
aaggatccaa taaccctca ggaatggat ccgattcaga caaaatcccg ttccaccctgt 180
actatacaat caaagatatac ctaggcctcc tagttctaat tctagcgctc acactacttg 240
ttctattctc cccagaccta cttaggagacc ctgacaatta cactcccgcc aaccctctaa 300
ataccctcc ccatatcaag cctgaat 327

<210> 20

<211> 327

<212> DNA

<213> gz22CL

<220>
<221> misc_feature
<223> DNA sequence generated from the known clouded leopard (Neofelis nebulosa) animal number 2 using primers mcb398 and mcb869

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ttcatcctcc catttatcat ctcagcctta gcagcagttc accttctatt tctccatgaa 120
aaggatccaa taaccctca ggaatggat ccgattcaga caaaatcccg ttccaccctgt 180
actatacaat caaagatatac ctaggcctcc tagttctaat tctagcgctc acactacttg 240
ttctattctc cccagaccta cttaggagacc ctgacaatta cactcccgcc aaccctctaa 300
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<210> 21

<211> 328

<212> DNA

<213> darz14SL

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ttcatcctcc catttatcat ctcagcccta gcagcagttc acctcctatt cctccatgag 120
acaggatcta acaacccttc aggaatagta tctgactcag acaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240

gtcctattct caccagacct attagggac gccgataact acatccccgc caaccctcta 300
aacaccctc cccatatcaa gcccgaaat 328

<210> 22
<211> 328
<212> DNA
<213> darz15SL

<220>
<221> misc_feature
<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 2 using primers mcb398 and mcb869

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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cttccatgag 120
acaggatcta acaaccctc aggaatagta tctgacttag aaaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240
gtcctattct caccagacct attagggac gccgataact acatccccgc caaccctcta 300
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<210> 23
<211> 328
<212> DNA
<213> darz16SL

<220>
<221> misc_feature
<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 3 using primers mcb398 and mcb869

<400> 23
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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cttccatgag 120
acaggatcta acaaccctc aggaatagta tctgacttag aaaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240
gtcctattct caccagacct attagggac gccgataact acatccccgc caaccctcta 300
aacaccctc cccatatcaa gcccgaaat 328

<210> 24
<211> 328

<212> DNA
<213> sbz22AL

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acaggatcta ataaccctc aggaatggta tctgactcag ataaaattcc attccatcca 180
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacact catactactc 240
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<210> 25
<211> 328
<212> DNA
<213> sbz38AL

<220>
<221> misc_feature
<223> DNA sequence generated from the known asiatic lion (*Panthera leopersica*) animal number 2 using primers mcb398 and mcb869

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acaggatcta ataaccctc aggaatggta tctgactcag ataaaattcc attccatcca 180
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacact catactactc 240
gtcctattct caccagacct attaggagat cccgacaact ataccccgc caatcctcta 300
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<210> 26
<211> 328
<212> DNA
<213> sbz39AL

<220>
<221> misc_feature
<223> DNA sequence generated from the known asiatic lion (*Panthera leopersica*) animal number 3 using primers mcb398 and mcb869

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acaggatcta ataaccctc aggaatggta tctgactcag ataaaattcc attccatcca 180
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacact catactactc 240
gtcctattct caccagacct attaggagat cccgacaact ataccccgc caatcctcta 300
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<210> 27
<211> 328
<212> DNA
<213> humsk

<220>
<221> misc_feature
<223> DNA sequence gerated from the known human (Homo sapiens sapiens) using primers mcb398 and mcb869

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ttcatcttgc ctttcattat tgcagcccta gcagcactcc acctcctatt cttgcacgaa 120
acgggatcaa acaaccctt aggaatcacc tcccatccg ataaaatcat cttccaccct 180
tactacacaa tcaaagacgc cctcggctta cttcttcc ttctctcctt aatgacatta 240
acactattct caccagacct cctaggcgac ccagacaatt ataccctagc caacccctta 300
aacacccctc cccacatcaa gcccgaat 328

<210> 28
<211> 328
<212> DNA
<213> chimss

<220>
<221> misc_feature
<223> DNA sequence gerated from the known chimpanzee (pan troglodytes) animal using primers mcb398 and mcb869

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tttatcttac ctttcattat cacagcccta acaacacttc atctcctatt cttacacgaa 120
acaggatcaa ataaccctt ggaatcacc tcccatccg acaaaattac cttccacccc 180
tactacacaa tcaaagatat cttggctta ttcctttcc tccttacatc aatgacatta 240
acactattct caccagacct cttggcgat ccagacaact ataccctagc taacccctta 300

aacacccac cccacattaa acccgaat	328
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<211> 472	
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caaccctaAC ccgattttc gctttccact ttattttcc atttatcatc gcagcacttg	180
ctatagtaca cttaCTTTC cttcacgaga caggatccaa caaccaaca ggaatccat	240
cggaCgcaga caaaatcccc ttccatcctt actacaccat taaagatatc ttaggcatt	300
tacttctagt actcttccta atattactag tattattcgc accagacctg cttggagatc	360
cagacaacta taccCAGCA aatccactca acacacccccc tcacatcaaa cctgaatgat	420
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caaccctaAC ccgattttc gctttccact ttattttcc atttatcatc gcagcacttg	180
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cggaCgcaga caaaatcccc ttccatcctt actacaccat taaagatatc ttaggcatt	300
tacttctagt actcttccta atattactag tattattcgc accagacctg cttggagatc	360
cagacaacta taccCAGCA aatccactca acacacccccc tcacatcaaa cctgaatgat	420
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caaccctaac ccgattttc gccttccact ttattttcc atttatcatc acagcactcg 180
ctatagtaca cttactcttc ctgcacgaga caggatccaa caacccaaca ggaatcccat 240
cgacgcaga caaaatcccc ttccatcctt actataccat taaagatatc ctaggcattct 300
tacttctagt actcttcctg atattactag tattattcgc accagacctg cttggagatc 360
cagacaacta caccccagca aatccgctca acacacccccc tcacatcaaa cctgaatgat 420
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<210> 32
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<213> Cervus nippon pulchellus

<400> 32
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cagacaacta caccccagca aatccgctca acacacccccc tcacatcaaa cctgaatgat 420
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<210> 33
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<212> DNA
<213> Cervus nippon nippon

<400> 33
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caaccctaac ccgattttc gccttccact ttattttcc atttatcatc acagcactcg 180
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cgacgcaga caaaatcccc ttccatcctt actataccat taaagatatc ctaggcattct 300
tacttctagt actcttcctg atattactag tattattcgc accagacctg cttggagatc 360
cagacaacta caccccagca aatccgctca acacacccccc tcacatcaaa cctgaatgat 420

atttcctatt tgcatacgca atcctacgat caattccaa caaactagga gg 472

<210> 34
<211> 472
<212> DNA
<213> *Cervus elaphus scoticus*

<400> 34
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caaccctaac ccgattttc gctttccact ttattctccc atttatcatc gcagcactcg 180
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cagacgcaga caaaatcccc tttcatcctt attataccat taaagatatc ttaggcattct 300
tacttcttgt actcttctta atattactag tattattcgc accagaccta ctggagatc 360
cagataacta caccccagca aacccactca acacacccccc tcataattaaa cctgaatgat 420
atttcctatt tgcatacgca atcctacgat caattccaa caaactagga gg 472

<210> 35
<211> 472
<212> DNA
<213> *Cervus dama*

<400> 35
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tattcctatt tctcttctta ataaacttag tactattgc accagacttg ctggagacc 360
cagacaaata cactccagca aatccactca acacacccccc tcataattaaa cccgaatgat 420
acttcctatt tgcatacgca atcctacgat caattccaa taaatttagga gg 472

<210> 36
<211> 472
<212> DNA
<213> *Rangifer tarandus*

<400> 36
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tactcctaatt tcttttcctt atactactag tattatttgc accagactta ctatggagacc 360
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<210> 37
<211> 472
<212> DNA
<213> *Moschus fuscus*

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tattactaat cttagtctta ataacactag tactattcac acctgattta ctggagacc 360
cgacaatattt taccccagca aacccattaa atacgcccccc acatattaaa cccgaatgat 420
atttcctatt tgcatatgcc attctacgat caattcccaa caaacttagga gg 472

<210> 38
<211> 472
<212> DNA
<213> *Moschus leucogaster*

<400> 38
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cggacaatta taccccgagca aacccattaa atacacccccc acatattaaa cccgaatgat 420
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<210> 39
<211> 472
<212> DNA
<213> *Moschus chrysogaster*

<400> 39
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tattactaat cctagtctta ataacactag tactattcac acctgattta cttggagacc 360
cggacaatta taccccgagca aacccattaa atacacccccc acatattaaa cccgaatgat 420
atttcctatt tgcatatgcc attctacgat caattcccaa caaactagga gg 472

<210> 40
<211> 472
<212> DNA
<213> *Moschus berezovskii*

<400> 40
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caacactcac ccgattcttt gccttccact tcattctccc atttatcatc gcagcactcg 180
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<210> 41
<211> 472
<212> DNA
<213> *Moschus moschiferus*

<400> 41

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cagacataga caaaatccca ttccacccct actacaccat caaagatatt ctaggtatcc 300
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cggacaacta tactccagca aaccattaa atacacctcc acatattaaa cccgaatgg 420
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<210> 42
<211> 472
<212> DNA
<213> *Kobus ellipsiprymnus*

<400> 42
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ccatagtcca tcttctgttt ctccatgaaa caggatccaa taatcccaca ggaatctcat 240
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tactactaat cctagtccta atactcctag ttctattcgc ccccgaccta cttggagatc 360
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<210> 43
<211> 472
<212> DNA
<213> *Kobus megaceros*

<400> 43
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caacccttac ccgcttcttc gccttcact ttatcctccc atttatcatc gcagctatcg 180
ctatagttca cctactattc ctccatgaaa caggatctaa caaccctaca gggatttcat 240
cagacacaga caaaatccca ttccacccat attataccat caaagatatt ctaggtgcc 300
tcctattaaat cctaataacta atactcctag tactatttgc ccccgaccta cttggagacc 360

ctgacaatta taccccagca aaccctactt atacacctcc ccatattaaa cccgaatgat	420
atttcttatt cgcatacgca attttacggt caattcctaa taaactggga gg	472

<210> 44
<211> 472
<212> DNA
<213> *Redunca arundinum*

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caacccttac ccgatttttc gccttccact ttatcctccc attcattatc acagccctcg	180
ctatagtaca cctactattc ctccacgaaa caggatccaa caaccctaca ggaatctcat	240
cagatgtaga caaaatccca tttcatccat actatactat caaggacgtc ctaggcgccc	300
tactgctaatt cctagtccta atgcttttag tattattcac ccctgaccta ctcggagatc	360
ccgacaatta tactccagca aatccactca acacacccccc tcatattaaa cccgaatgat	420
acttcttatt tgcatatgca atcctacgat caatccccaa taaacttagga gg	472

<210> 45
<211> 472
<212> DNA
<213> *Redunca fulvorufa*

<220>
<221> misc_feature
<222> (269)..(269)
<223> unknown

<220>
<221> misc_feature
<222> (431)..(431)
<223> unknown

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caaccctcac tcgatttttc gccttccact ttatcctccc atttacatc atagccctcg	180
ctatagtcca cctactattc ctccatgaaa caggatccaa caacccacaca ggggtttcat	240
cagayatgga caaaatccca ttccacccnt actacaccat caaagayatt ctaggtgccc	300

tactactaat cctggcccta acactattag tactattcac ccctgaccta ctcggagacc 360
cggacaatta caccccgagca aacccactca acacacccccc tcacatcaaa ccagaatggt 420
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<210> 46
<211> 472
<212> DNA
<213> *Neotragus moschatus*

<400> 46
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caaccctcac ccgattttt gccttccact tcattctccc atttatcatc gcagcactcg 180
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cagacgcaga caaaatccca ttccacccct actacaccat taaagacatt ctaggcgcca 300
tcctactaat tctagtgcta acactcttag ttttatttgc acctgacctt ttaggagacc 360
cagacaacta caccccgca aaccctctta acacgcctcc ccataatcaaa cccgaatgat 420
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<210> 47
<211> 472
<212> DNA
<213> *Pelea capreolus*

<400> 47
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caaccctcac ccgattttt gccttccact ttattctccc atttatcatt gcagccctca 180
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ctgacaatta cacccctgca aacccgctca acacacccccc tcataatcaaa cccgaatgat 420
atttccttatt tgcataatgcg attctacgat caattccccaa caaacttagga gg 472

<210> 48
<211> 472
<212> DNA
<213> *Antilope cervicapra*

<400> 48
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caacccttac ccgattttc gccttccact ttatcctccc atttattcatt gcagccctta 180
ccatagtaca cctactgttt ctccacgaaa caggatccaa caaccccaca ggaatctcat 240
cagacgcaga caaaattcca ttccacccct actacactat caaagatatc ctaggagctc 300
tactattaat tttaaccctc atgcttctag tcctattctc accggacctg cttggagacc 360
cagacaacta tacaccagca aacccactta atacacccccc acatatcaag cccgaatgat 420
acttcctatt tgcatacgca atcctccgat caattcctaa caaactagga gg 472

<210> 49
<211> 472
<212> DNA
<213> Saiga tatarica

<400> 49
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caaccctcac ccgattttc gccttccact tcattcctccc atttattatc gcagctctcg 180
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cagacaacta cacrccagca aacccactta acacacccccc acatattaaa cccgaatgat 420
acttcctatt cgcatacgca atcctccgat caattcctaa taaactagga gg 472

<210> 50
<211> 472
<212> DNA
<213> Gazella dama

<400> 50
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caacactcac ccgattttt gccttccatt tcattcctccc atttattcatt gcagcccttg 180
ccatagttca tctattattt cttcacgaaa caggatccaa caaccccaca ggaatttcat 240
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cagacaacta cacaccagca aatccactca atacacccccc acatattaag cctgagcgat 420
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<210> 51
<211> 472
<212> DNA
<213> Ourebia ourebi

<400> 51
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<210> 52
<211> 472
<212> DNA
<213> Gazela gazella

<400> 52
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<210> 53
<211> 472
<212> DNA

<213> *Raphicerus melanotis*

<400> 53
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<210> 54

<211> 472

<212> DNA

<213> *Madoqua kirkii*

<400> 54
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<210> 55

<211> 472

<212> DNA

<213> *Antilocapra americana*

<400> 55
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<210> 56
<211> 472
<212> DNA
<213> *Tragulus javanicus*

<400> 56
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<210> 57
<211> 472
<212> DNA
<213> *Tragulus napu*

<400> 57
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<210> 58
<211> 472

<212> DNA
 <213> Balaenoptera acutorostrata

<400> 58
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 caacattaac acgcttttt gccttccact tcatcctccc ttttattatc ctagcattag 180
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<210> 59
 <211> 472
 <212> DNA
 <213> Balaenoptera bonaerensis

<400> 59
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 caacattaac acgcttttc gccttccact tcatcctccc tttcattatc ctagcattag 180
 caattgtcca cctcattttc ctcccgaaa caggatccaa taacccaca ggtattccat 240
 ctgatataga caaaatccca ttccacccct attacacaat caaagacatt ctaggcgccc 300
 tactactaat tctaacccta ctaacactaa ccctattcgc acccgacctg ctcggagacc 360
 ccgacaacta cacccagca aacccactca gtacccagc acacattaaa ccagaatgt 420
 atttctatt cgcatacgca atcctacgat caatccccaa taaacttaggc gg 472

<210> 60
 <211> 472
 <212> DNA
 <213> Balaenoptera borealis

<400> 60
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 caacactaac acgcttttt gccttccact tcattctccc cttcattatt ctagcactag 180
 caatggtcca cctcattttc ctccatgaaa caggatccaa caacccaca ggtattccat 240

ccgacataga caaaatccc ttccaccctt actacacagt taaagacatt ctaggcgccc 300
tactactaat cctaacccta ctaatactaa ccctattcgc acccgacctg cttggagacc 360
cagacaacta caccccagca aatccactca gtaccccagc acacattaaa ccagaatgat 420
atttcctatt tgcatacgca atcctacgat caatcccaa caaatttaggc gg 472

<210> 61
<211> 472
<212> DNA
<213> *Balaenoptera edeni*

<400> 61
taccctgagg acaaatatca ttgtgaggcg caaccgtcat caccaacctc ttatcagcaa 60
tcccatacat tggtactacc ctagtcgaat gaatctgggg cggtttctct gtagataaag 120
caacactaac acgctttttt gccttccact ttatcctccc cttcattatt ctagcactag 180
caatggtcca cctcattttc ctccacgaaa caggatccaa taacccacaa ggtattccat 240
ccaacataga caaaatccc ttccaccctt attacacaac taaagacatt ctaggcgccc 300
tactactaat cctaacccta ctaatgctaa ccctattcgt acccgaccta cttggagacc 360
cagacaacta cactccagca aatccactca gtaccccaac acacattaaa ccagaatgat 420
atttcctatt tgcatacgca atcctacgat caatcccaa caaatttaggc gg 472

<210> 62
<211> 472
<212> DNA
<213> *Eschrichtius robustus*

<400> 62
taccctgagg acaaatatca ttctgaggcg caaccgttat caccaacctc ctatcagcaa 60
tcccatacat tggtactacc ctagtcgaat gggtctgagg cggtttttct gtagataaag 120
caacactaac acgctttttt gccttccact tcattcattcc attcattatc ctagcactag 180
caattgtcca cctcattttc ctccacgaaa cgggatccaa caacccacaa ggcattccat 240
ccaacataga caatatccc ttccaccctt attacacaat taaagacata ctaggcgccc 300
tgctactaat cctaacccta ctaatactaa ccctattcgc acccgacctg ctcggagacc 360
cagacaacta taccggcggca aacccactca gcaccccaac acatattaaa ccagagtgat 420
atttcctatt tgcatacgca atcctacgat cgatcccaa caaatttaggc gg 472

<210> 63

<211> 472
<212> DNA
<213> *Balaenoptera musculus*

<400> 63
tgccctgagg acaaatatca ttctgaggcg caaccgtcat caccaaccc tcatacggaa 60
tcccatatat tggtaatacc ctagtcgaat gaatctgagg cggttttct gtggataaag 120
caacactaac acgcttctt gccttccact tcattctccc cttcatcatt atagcattag 180
caatcggtcca cctcatcttc cttcacgaaa caggatccaa caacccaca ggtatccat 240
ctgacataga taaaattcca ttccacccct actacacaat taaagacatt ctggcgccc 300
tactactaat cctaacccta ctaatattaa ctctattgc acccgactta ctcggagacc 360
cagacaacta cacccagca aacccactca gtacccagc acacattaaa ccagagtgtat 420
atttcctatt tgcataatgca atcctacgat caatccccaa caaatttaggc gg 472

<210> 64
<211> 472
<212> DNA
<213> *Megaptera novaeangliae*

<400> 64
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tcccatatat tggtaatacc ctagtcgaat gaatctgggg cggttttcc gtggataaag 120
caacactaac acgtttctt gccttccact tcattctccc cttcatcatt acagcattag 180
caatcggtcca cctcatcttc cttcacgaaa caggatccaa caacccaca ggcacccat 240
ccaacataga caaaatccca ttccacccctt actacacaat caaagacact ctggcgccc 300
tattactaat cctaacccta ctaatgttaa ccctattgc acctgacccgt cttggagacc 360
cagataacta cacccagca aacccactca gtacccagc acacattaaa ccagagtgtat 420
atttcctatt tgcataacgca atcctacgat caatccccaa caaacttaggc gg 472

<210> 65
<211> 472
<212> DNA
<213> *Balaenoptera physalus*

<400> 65
tgccctgagg acaaatatca ttctgaggcg caactgtaat cactaaccc tcatacggaa 60
tcccatatat tggtaatacc ctagtcgaat gaatctgagg cggtttctct gtggataaag 120
caacactaac acgctttttt gccttccact ttatcctccc cttcatcatt ctggcattag 180

caattgtcca ccttattttc cttcacgaaa caggatccaa caacccaca ggcatccat 240
ccgacataga taaaatccca ttccacccct accacacaat taaagacatt ctaggtgcc 300
tattactaat cctaattcta ctaatactaa ccctattcgc acccgaccta cttggagacc 360
cagacaacta taccggcagca aacccactca gtacccagc acacattaaa ccagaatgg 420
attttctatt cgcatatcgca atcctacgat caatccccaa caaacttaggc gg 472

<210> 66
<211> 472
<212> DNA
<213> *Caperea marginata*

<400> 66
tgccctgagg acagatatca ttctgaggcg caaccgtcat caccaaccc tcatacagcaa 60
tcccatatat tggtaaccacc ctagttgaat gaatctgggg tggcttctcc gtagacaaag 120
cgacactaac tcgcttcttt gccttccact tcatacctccc tttcatttatt ctagcgctag 180
cagctgttca tctccttttc ctccacgaaa caggatctaa caacccaca ggcatccat 240
ccaacataga caaaattcca ttccacccct actacacaat taaagacatc ctggcggtcc 300
tactactaat cctgacccta ctaatattaa ctttatttac acctgacctg cttggagacc 360
ctgacaacta caccggcagca aatccctca gcacccagc acacatcaag ccagaatgt 420
acttcctatt tgcatatgca atcctacgat caattcctaa taaatttaggt gg 472

<210> 67
<211> 472
<212> DNA
<213> *Cephalorhynchus commersonii*

<400> 67
taccctgggg acagatatca ttttgagggtg caacagtcat caccaaccc tcatacagcaa 60
tcccttacat cggtaactacc ttagtagaaat gaatctgagg cggattttcc gtagacaaag 120
caacactaac acgttttcc gccttccact ttatcctccc attcatcatc acagcattag 180
cagccgtcca cctactattc ctacacgaaa caggatccaa caacccaca ggaatccat 240
ccaacataga cataatccca ttccacccctt attacacaat taaagacatc ctggcgctt 300
tattcctaat cctaacccta ctacatccatcc ccccgaccta ctagggagacc 360
ctgataacta taccggcagca aatccattaa gcaccccccgc acacatcaaa ccagagtgt 420
acttcctatt cgcatatgca atcctacgat caattccccaa taaacttgga gg 472

<210> 68
 <211> 472
 <212> DNA
 <213> *Cephalorhynchus eutropia*

<400> 68
 taccctgggg acagatatca ttttgaggtg caacagtcat caccaacctc ctatcagcaa 60
 tcccctacat cggtactacc ttagtagaat gaatctgagg cggtttcc gtagacaaag 120
 caacactaac acgcttttc gccttccact ttatcctccc attcatcatc acagcattag 180
 cagccgtcca cctactattc ctacacgaaa caggatccaa caacccaca ggaatcccat 240
 ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt 300
 tattcctaatt cctaacccta ctgcactaa ccctattcgc ccctgaccta ctaggagacc 360
 ctgataacta tacccagca aatccattaa gcaccccgac acacatcaaa ccagaatgat 420
 acttcctatt cgcatatgca atcctacgat caattcctaa taaacttgg 472

<210> 69
 <211> 472
 <212> DNA
 <213> *Lagenorhynchus obliquidens*

<400> 69
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 tcccctacat cggtactacc ttagtagaat gaatctgagg cggtttcc gtagacaaag 120
 caacactaac acgcttttc gccttccact ttatcctccc attcatcatc acagcattag 180
 cagccgtcca cctactattc ctacacgaaa caggatccaa caacccaca ggaatcccat 240
 ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt 300
 tattcctaatt cctaacccta ctgcactaa ccctattcgc ccctgaccta ctaggagacc 360
 ctgataacta tacccagca aatccattaa gcaccccgac acacatcaaa ccagaatggt 420
 acttcctatt cgcatatgca atcctacgat caattcctaa taaacttgg 472

<210> 70
 <211> 472
 <212> DNA
 <213> *Cephalorhynchus heavisidii*

<400> 70
 taccctgagg acaaatatca ttttgaggcg caacagtcat caccaacctc ctatcagcaa 60
 tcccctacat cggtactacc ttagtagaat gaatctgagg cggtttcc gtggacaaag 120
 caacactaac acgcttttc gccttccact ttatcctccc attcatcatc acagcattag 180

cagccgtcca tctactattc ctacacgaaa caggatccaa caaccccaca ggaatccat 240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt 300
tattccta at tctagcccta cttagcactaa ccctattcgc ccctgaccta ctgggagacc 360
ctgataacta tacccagca aatccattaa gcaccccgac acacatcaaa ccagaatgat 420
acttcctatt cgcatatgca atcctacgat caattcctaa taaacttgga gg 472

<210> 71
<211> 472
<212> DNA
<213> *cephalorhynchus hectori*

<400> 71
taccctgagg acaaataatca ttttgaggtg caacagtcat caccaacccatc ctatcagcaa 60
tcccctacat cggtactacc tttagtagaat gaatctgagg cgatgttcc gtagacaaag 120
caacactaac acgcttttc gccttcact ttatcctccc attcatcatc acagcattaa 180
cagccgtcca cttactattc ctacacgaaa caggatccaa caaccccaca ggaatccat 240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt 300
tattccta at tctaatccta cttagcactaa ccctattcgc ccctgaccta ctgggagacc 360
ctgataacta tacccagca aatccattaa acaccccgac acacatcaaa ccagaatgat 420
acttcctatt cgcatatgca atcctacgat caattcctaa taaacttgga gg 472

<210> 72
<211> 472
<212> DNA
<213> *Lagenorhynchus australis*

<400> 72
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tcccctacat cggtactacc tttagtagaat gaatctgagg cgatgttcc gtagataaaag 120
caacactaac acgcttttc gccttcact ttatcctccc attcatcatc acagcattaa 180
cagccgtcca cttactattc ttacacgaaa caggatccaa caaccccaca ggaatccat 240
ccaacataga cataatccca ttccaccctt actacacaac taaagacatc ctaggcgctt 300
tattccta at tctagcccta cttagcactaa ccctattcgc ccctgaccta ctgggagacc 360
ctgacaacta tacccagca aatccattaa gcaccccgac acacatcaaa ccagaatgat 420
at ttcctatt cgcatatgca atcctacgat caattcctaa taaactcgga gg 472

<210> 73
 <211> 472
 <212> DNA
 <213> *Lagenorhynchus cruciger*

<400> 73
 taccctgagg acagatatca ttttgaggtg caacagtcat caccaacctc ctatcagcaa 60
 tccctacat cggtaatacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120
 caacactaac acgcttttc gcttccact tcattctccc attcatcatc acagcattag 180
 cagccgtcca cctgctattc ctacacgaaa caggatccaa caacccaca ggaatccat 240
 ccaacataga cataatccca ttccaccctt actacacaat taaagacatc ctaggcgctt 300
 tattcctaatt cctaacccta ctagcactaa ccctgttcac ccctgaccta ctaggagacc 360
 ctgacaacta tacccagca aatccattaa gcaccccgac acacatcaaa ccagaatgtat 420
 atttcctatt cgcatatgca atcctacgat caattcctaa taaactcgga gg 472

<210> 74
 <211> 472
 <212> DNA
 <213> *Lagenorhynchus obscurus*

<400> 74
 taccctgagg acagatatca ttttgaggtg caacagtcat caccaacctc ctatcagcaa 60
 tccctacat tggtaatacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120
 caacactaac acgcttttc gcttccact ttatcctccc attcatcatc acagcattag 180
 cagccgtcca cctactattc ctacacgaaa cagaatccaa caacccaca ggaatccat 240
 ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggtgctt 300
 tattcctaatt tctagcccta ctaacactaa ccttattcac ccccgaccta ctaggagacc 360
 ctgataacta tacccagca aatccattaa gcaccccgac acacatcaaa ccagaatgtat 420
 atttcctatt cgcatatgca atcctacgat caattcctaa taaacttgga gg 472

<210> 75
 <211> 472
 <212> DNA
 <213> *Lissodelphis borealis*

<400> 75
 taccctgagg gcagatatca ttttgaggtg caaccgtcat caccaacctc ctatcagcaa 60
 tccctacat cggtaatacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120

caacactaac acgcttttc gcttccact ttatcctccc attcatcatc acagcattag 180
cagctgttca cctactattc ctacacgaaa caggatccaa caaccccaca ggaattccat 240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctggcgctt 300
tattcttaat tctggcccta ctagcactaa ccctattcac ccctgaccta ttaggagacc 360
ctgataacta caccccagca aatccattaa gcacccctgc acacatcaaa ccagaatgg 420
acttcctatt tgcatacgca atcctacgat caattcctaa taaacttgga gg 472

<210> 76
<211> 472
<212> DNA
<213> *Lissodelphis peronii*

<400> 76
taccctgagg acagatatca ttttgaggtg caaccgtcat caccaacctc ctatcagcaa 60
tcccttacat cggtaactacc ttagtagaat gaatctgagg cgatttcc gtagacaaag 120
caacactaac acgcttttc gcttccact ttatcctccc attcatcatc acagcattag 180
cagctgttca cctactgttc ctacacgaga caggatccaa taaccccaca ggaattccat 240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctggcgctt 300
tattcttaat tctgacccta ctagcactaa ccctattcac ccctgaccta ttaggagatc 360
ctgataacta caccccagca aatccattaa gcacccctgc acacatcaaa ccagaatgg 420
actttctatt cgcatatcgca atcctacgat caattcctaa taaacttgga gg 472

<210> 77
<211> 472
<212> DNA
<213> *Globicephala macrorhynchus*

<400> 77
taccctgagg acagatatca ttctgaggcg caaccgtcat caccaatctc ctatcagcaa 60
tcccttacat cggcaccacc ttagtagaat gaatctgagg tggatttcc gtagacaaag 120
caacactaac acgcttttc gcttccact ttatcctccc attcatcatc acagcattag 180
tagctgtcca cctgctattc ctacacgaaa caggatccaa taaccccata ggaatcccat 240
ccaacataga cataattcca ttccaccctt attatacaat taaagacatc ctggcgccc 300
tactcttaat cctagcacta ctaacactaa ccctattcac ccctgaccta ctaggagacc 360
ctgataacta tactccagca aatccactaa gcacccctgc acacatcaaa ccagaatgt 420
atttcctatt cgcatatgca atcttacgat caattccaa taaacttgga gg 472

<210> 78
<211> 472
<212> DNA
<213> *Globicephala melas*

<400> 78
taccctgagg acagatatca ttctgaggcg caaccgtcat caccaatctc ctatcagcaa 60
tcccttacat cggcactacc ttagtagaat gaatctgagg tggattttcc gtagacaaag 120
caacactaac acgtttttc gcttccact ttatcctccc attcatcatc acaacattag 180
tagctgtcca cctgctattc ctacacgaaa caggatccaa taacccata ggaatcccat 240
ccaacataga cataattcca ttccacccct attatacaat taaagatatac cttaggcgccc 300
tactcttaat cctagcacta ctaacactaa ccctattcac ccctgaccta cttaggagacc 360
ctgataacta tactccagca aacccactaa gcacccctgc acacatcaaa ccagaatgt 420
atttcctatt cgcatatgca atcttacgat caattccaa taaacttgga gg 472

<210> 79
<211> 472
<212> DNA
<213> *Feresa attenuata*

<400> 79
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tcccttacat cggcaccact ttagtagaat gaatctgagg tggattttcc gtagacaaag 120
caacactaac acgtttttc gcttccact ttatcctccc attcatcatc acagcattag 180
tagctgttca cctgctattc ctacacgaaa caggatccaa taacccaca ggaatcccat 240
ccaacataga cataattcca ttccacccct attatacaac taaagatatac cttagtgccc 300
tactcttaat tctaacatta ctaacactaa ccctgttac ccctgaccta cttaggagacc 360
ctgataacta tactccagca aacccactaa gcacccctgc acacatcaaa ccagagtgt 420
atttcctatt cgctatgca atcttacgat caattctaa taaacttgga gg 472

<210> 80
<211> 472
<212> DNA
<213> *Peponocephala electra*

<400> 80
taccctgagg acagatatca ttctgaggcg caaccgtcat caccaatctc ctatcagcaa 60
tcccttacat cggaaccacc ttagtagaat gaatctgagg tggattttcc gtagacaaag 120

caacactaac acgtttttc gcttccact tcatcctccc attcatcatc acagcattgg 180
tagctgtcca cctgctattc ctacacgaaa caggatccaa taaccctaca ggaatcccat 240
ccaacataga cataattcca ttccacccct attatacaat taaagacatc ctaggcgctc 300
tactcttaat cttagcacta ctaacactaa ccctattcac ccctgaccta ctaggagacc 360
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atttcctatt cgcatatgca atcttacgat caattccaa taaacttggaa gg 472

<210> 81
<211> 472
<212> DNA
<213> *Grampus griseus*

<400> 81
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tcccctacat cggtaactact ttagtagaat gaatctgagg tggattttcc gtagacaaag 120
caacactaac acgtttttc gcttccact ttatcctccc attcatcatc acagcattag 180
tagctgttca cctgctattc ctacacgaga caggatccaa taacccacaa ggaatcccat 240
ccaacataga cataattcca ttccacccct attacacaat taaagacatc ctaggcgccc 300
tactcctaatt cctaacacta ctaacactaa ccctattcac ccctgaccta ctaggagacc 360
ctgataacta cactccagca aacccgctaa gcaccctgc acacatcaaa ccagaatgat 420
atttcctatt cgcatatgca atcttgcgat caattccaa caaacttggaa gg 472

<210> 82
<211> 472
<212> DNA
<213> *Pseudorca crassidens*

<400> 82
taccctgagg acagatatca ttctgaggcg caaccgtcat caccaatctt ctatcagcaa 60
tcccctacat cggtaaccact ttagtagaat gaatctgagg aggattttcc gtagacaaag 120
caacactaac acgtttttc actctccact ttatcctccc attcatcatt acagcactaa 180
cagctacccca cctactattc ctacacgaga ctggatccaa taacccacaa ggaatcccat 240
ccaacataga cataattcca ttccacccctt attacacaat taaagatatc ctaggcgccc 300
tactcttaat tctaacacta ctaacactaa ccctattcac ccccgaccta ctaggagacc 360
ctgataacta tattccagca aacccactaa acaccctgc acacatcaaa ccagaatgat 420

atttcctatt cgcatatgca atcttacgat caattcctaa taaacttgga gg 472

<210> 83
<211> 472
<212> DNA
<213> *Lagenorhynchus acutus*

<400> 83
taccatgagg acaaatatca ttctgaggcg caaccgttat caccaatctc ctatcagcaa 60
tcccttacat cggcaactacc ctagtagaat gaatctgagg cggattttcc gtagacaaag 120
caacactgac acgcttttc gccttccatt tcattctccc attcataatt acagcattag 180
cagctgttca cctgctgttc ctacacgaga caggatccaa taaccctaca ggaatcccat 240
ctaacataga tataatcccg ttccaccctt attatacat taaagatatc ctaggcgctt 300
tactcttaat tctaacccta ctagcactaa ccctattcac ccctgaccta ctaggagacc 360
ctgataacta cactccagca aatccactaa gcacccctgc acacatcaaa ccagaatgat 420
atttcctatt cgcatatgca atcctacgat caattccaa caaacttgga gg 472

<210> 84
<211> 472
<212> DNA
<213> *Orcinus orca*

<400> 84
taccctgagg acagatatct ttctgaggcg caaccgtcat tactaatctc ctatcagcaa 60
tcccttacat cggcaccacc ttagtagaat gaatctgagg tggattttcc gtagacaaag 120
caacactaac acgtttctt gccttccact ttatctccc attcatcatc acagcattaa 180
cagctgttca cctactgttc ctacacgaga caggatccaa taaccccaca ggaatcccat 240
ccaacataga tataatccca ttccaccctt atcacacaat taaagatacc ctaggcgccc 300
tactcttaat cctaaccctg ctagcactaa ccttattcgc ccctgaccta ctaggagacc 360
ctgacaacta taccctcagca aatccactaa gcacccctgc acacatcaaa ccagaatgat 420
acttcctatt cgcatatgca atcctacgat cagttccaa taaacttgga gg 472

<210> 85
<211> 472
<212> DNA
<213> *Orcaella brevirostris*

<400> 85
taccctgagg acagatatcc ttctgaggcg caaccgtcat caccaatctc ctatcagcaa 60

tcccttacat cggcaactacc ctagtagaaat gaatctgagg tggatttcc gtagacaaag 120
caacactaac acgtttttc gccttccact ttatccttcc attcatcatc acagcactag 180
taactgttca cctactattc ctacacgaaa caggatccaa caatcctaca ggaatcccat 240
ccaacataga cataatccca ttccaccctt atcatacatt taaagacatc ctaggcgccc 300
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ctgataacta tactccagca aatccactaa gcacccctgc acatcatcaa ccagaatgtat 420
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<210> 86
<211> 472
<212> DNA
<213> *Delphinus capensis*

<400> 86
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ctgataacta taccccagca aatccactaa gcacccctgc acatcatcaa ccagaatgtat 420
actttctatt cgcatacgca atcctacgat caattcctaa taaacttggg gg 472

<210> 87
<211> 472
<212> DNA
<213> *Delphinus tropicalis*

<400> 87
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ctgataacta taccccagca aatccactaa gcacccctgc acatcatcaa ccagaatgtat 420

actttctatt cgcatatcgca atcttacgat caatccctaa taaaacttggaa gg 472

<210> 88
<211> 472
<212> DNA
<213> *Delphinus delphis*

<400> 88
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ctgataacta taccccagca aatccactaa gcacccctgc acacatcaaa ccagaatgtat 420
actttctatt cgcatatgca atcttacgat caatccctaa taaaacttggaa gg 472

<210> 89
<211> 472
<212> DNA
<213> *Stenella clymene*

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<210> 90
<211> 472
<212> DNA
<213> *Stenella coeruleoalba*

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actttctatt cgcatacgca atcttacgat caatccctaa caaacttgga gg 472

<210> 91
<211> 472
<212> DNA
<213> *Tursiops aduncus*

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ctgataacta tatccggca aatccactaa gtaccccccgc acacatcaaa ccagagtgt 420
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<210> 92
<211> 472
<212> DNA
<213> *Stenella frontalis*

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ctgacaatta taccccagca aatccactaa gcacccctgc acacatcaa ccagaatgat 420
actttctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg 472

<210> 93
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<212> DNA
<213> *Sousa chinensis*

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<210> 94
<211> 472
<212> DNA
<213> *Stenella longirostris*

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<210> 95
<211> 472
<212> DNA
<213> *Tursiops truncatus*

<400> 95

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<210> 96
<211> 472
<212> DNA
<213> *Lagenorhynchus alborostris*

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<210> 97
<211> 472
<212> DNA
<213> *Steno bredanensis*

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<210> 98
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<212> DNA
<213> *Sotalia fluviatilis*

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<210> 99
<211> 472
<212> DNA
<213> *Delphinapterus leucas*

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<210> 100
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<212> DNA
<213> *Monodon monoceros*

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<210> 101
<211> 472
<212> DNA
<213> *Platanista gangetica*

<400> 101
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atttcctatt tgcatacgca atcctacggt caatccccaa taaactagga gg 472

<210> 102
<211> 472
<212> DNA
<213> *Platanista minor*

<400> 102
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<210> 106
<211> 472
<212> DNA
<213> *Lipotes vexillifer*

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<210> 107
<211> 472
<212> DNA
<213> *Phocoena sinus*

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<210> 108
<211> 472
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<213> Berardius bairdii

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<210> 109
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<212> DNA
<213> Ziphius cavirostris

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<210> 110
<211> 472
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<213> Mesoplodon europaeus

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<211> 472

<212> DNA

<213> Mesoplodon bidens

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<210> 112

<211> 472

<212> DNA

<213> Mesoplodon densirostris

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ccacattaac acgcttcttc gccttccact tcattcctccc ctttattatt ctagccctaa 180
caatggtcca cttactattc ctccatgaaa caggatctaa taaccctaca ggaatcccat 240

ctgacataga taaaattcca tttcaccctt attacacaat caaagatatt ttaggagccc 300
tactattaat tctggcccta cttatactaa ccctattgc acctgaccta ctaggagacc 360
ccgataatta tactccagca aaccactca acactccagc acacatcaa ccagagtgg 420
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<210> 113
<211> 472
<212> DNA
<213> Hyperoodon ampullatus

<400> 113
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ccacattaac ccgcttttc gccctccact ttatcctccc attcattatt ctagccctag 180
caatcgtcca cctactattc ctccatgaaa caggatccaa caatcccaca ggaattccat 240
ctgacataga caaaatccc ttccacccat actacacaat caaagacact ctaggggccc 300
tattactaat cctagtccta ctcacattaa ccctattcg acccgaccta ctaggagacc 360
ctgataacta taccctcagca aaccactca gcactccagc acacatcaa ccagaatgg 420
acttcttatt tgcatacgca atcctacgtt caatccctaa caaacttagga gg 472

<210> 114
<211> 472
<212> DNA
<213> Hyperoodon ampullatus

<400> 114
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ccacattaac ccgcttttc gccctccact ttatcctccc attcattatt ctagccctag 180
caatcgtcca cctactattc ctccatgaaa caggatccaa caatcccaca ggaattccat 240
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tattactaat cctagtccta ctcacattaa ccctattcg acccgaccta ctaggagacc 360
ctgataacta taccctcagca aaccactca gcactccagc acacatcaa ccagaatgg 420
acttcttatt tgcatacgca atcctacgtt caatccctaa caaacttagga gg 472

<210> 115
<211> 472

<212> DNA
<213> *Mesoplodon peruvianus*

<400> 115
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ctacattaac acgattttt gccttccact ttattctccc atttattatc ttagctctaa 180
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ctgacaattna cactccagca aacccactta gcacccccc acatattaaa ccagaatgt 420
atttctatt tgcataatgca attttacgat cagttcctaa taaacttagga gg 472

<210> 116
<211> 472
<212> DNA
<213> *Pontoporia blainvilliei*

<400> 116
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caacactaac gcgattttc gccttccatt ttatccttcc attcattatt acagccctag 180
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tattaataat cctaacaata ctcacgctga ctctattcac ccctgaccta ttaggagacc 360
cagacaacta tatcccagca aaccccatga ataccccaga gcacattaaa ccagaatgg 420
atttcctatt tgcctacgccc atcctacgat caattccaa taaactggga gg 472

<210> 117
<211> 472
<212> DNA
<213> *Hippopotamus amphibius*

<400> 117
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ccacccttac acgattttt gccttccact ttattcttcc attcgttatc acagcactag 180
ccatcggtcca tctactattt ctccatgaaa caggatccaa caacccaaaca ggaatcccct 240

caaacgcaga caaaatccc ttccacccct attacacaat caaggacatc ctaggtatcc 300
tactccta at aacaacacta ctcacactaa ccttatttgc cccagacctc ctaggggacc 360
cagacaacta caccggca aacccctta gcacaccacc acacattaaa ccagaatgat 420
atccctgtt cgctacgat attctccgat caatccccaa caaacttagga gg 472

<210> 118
<211> 472
<212> DNA
<213> *Hexaprotodon liberiensis*

<400> 118
taccatgagg acaaataatca ttctgagggg caacagtcat caccaactta ctatcagcta 60
tccctacat tggAACAGAC ctagtagaat gaatctgagg aggctttct gtagataaag 120
ccacccttac acgattttt gccttccact ttattttcc attcatcatc atagcactag 180
ccggcgtcca cctactgtt ctccacgaaa cagggtccaa caaccaaca ggaatccc 240
caaacgcaga caaaatccc ttccacccct attacacaat caaagatatac ctggcgtac 300
tacttcta at aacaataacta ctcacactaa ccttatttgc cccagacctc ctaggggacc 360
cagacaacta caccggca aacccctta gcacaccacc acacatcaaa ccagaatgat 420
atccctgtt cgctacgat attctccgat caatccctaa caaactggga gg 472

<210> 119
<211> 472
<212> DNA
<213> *Rhinoceros sondaicus*

<400> 119
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ctacccttac ccgattttt gccttccact tcattttcc ctattttatc ctagctctag 180
cgatcaccca cttactattc ctacacgaaa caggatccaa taacccatca ggaattccat 240
ctaacacaga caaaatcca ttccacccctt actacacaat caaagacatc ctaggagccc 300
tgcttcta at tatagttata ctcaccctag tcctattctc ccctgacatc ctaggggacc 360
cagacaacta catcccagcc aaccctctca gcaccctcc acatatcaaa ccagaatgg 420
atccctatt tgcttacgat atcctacgat ccattccaaa caaacttaggc gg 472

<210> 120

<211> 472
<212> DNA
<213> *Ceratotherium simum*

<400> 120
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ccacacttac acgattttc gccttcact ttatctccc ctttattatc atagccctag 180
caatcaccca cctactattc cttcacgaaa caggatccaa taacccatca ggaatcccat 240
ccaacataga caaaatccca ttccacccat actacacaat caaagacatc ctggaaattt 300
tactcctaatt cctagcacta ctcgccttag ttctattctc accagacatc ctaggagacc 360
ctgacaacta caccctgac aatcctctca gcactccccc acatatcaaa ccagaatgtat 420
actttctatt tgcttacgca atcctacgat ccacccctaa caaactaggc gg 472

<210> 121
<211> 472
<212> DNA
<213> *Dicerorhinus sumatrensis*

<400> 121
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tcccatacat cggtccacccac cttgtagaat gaatctgagg gggattctcc gtagacaaag 120
ccaccctcac ccgtttcttt gccttcact tcacatctccc cttcatcatc ctagccctag 180
caattaccca cctgctattc ctacatgaaa caggatccaa caacccatca ggaatcccat 240
ctaacataga caaaatccca tttcacccat actatacaat caaagacatc ctaggagccc 300
tacttctaatt cctagcccta ctcacccttag ttctattctc gcctgacccctc ctaggagacc 360
cggtccacca cacaccccgcc aaccctctca gcaccctcc acacattaaa ccagaatgg 420
acttcctatt cgcttacgca atcctacgat ccacccctaa taaactaggc gg 472

<210> 122
<211> 472
<212> DNA
<213> *Equus asinus*

<400> 122
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tcccatacat cggtactacg ctcgtcgaat gaatctgagg tggattctca gtagacaaag 120
ccacccttac ccgtttttt gccttcact ttattctacc ctatcatc acagccctgg 180

taatcgcca tctactattc ctccacgaaa caggatccaa caaccctca ggaatcccat 240
ctgacataga caaaatccca ttccacccgt actacacaat taaagacatc ctaggacttc 300
tcctcctagt cctactccta ctaaccctag tattattctc ccctgaccc tcaggagacc 360
cagacaacta caccggagct aacccctca gcactccccc tcataattaag ccagaatgg 420
atttcctatt tgcttacgcc atcctacgct ccattccaa caaacttaggt gg 472

<210> 123
<211> 472
<212> DNA
<213> Babyrousa babyrussa

<400> 123
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caaccctcac acgattctt gccttccact ttattctacc cttcatcatc accgctctcg 180
caaccgtaca tctattattc cttcacgaaa ctggatccaa taaccctact ggaatttcat 240
cagatataga caaaatccca ttccacccct actataccat taaagacatt ctaggagccc 300
tactcataat tatacgctt ctaatcctag tactattctc accagatcta ctaggagacc 360
cggacaacta tactccagca aacccactaa atacaccacc ccacattaag ccagaatgat 420
atttcctatt tgcttacgcc atcctacgct caatcccaa caaatttaggc gg 472

<210> 124
<211> 472
<212> DNA
<213> Phacochoerus africanus

<400> 124
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tcccctacat tggaacaaat ctgtagaat gaatctgagg aggtttctcc gtcgacaaag 120
caactctcac acgattctt gccttccact tcattttacc ttttatcatc gctgccctag 180
caaccgtaca tctctgttc ctacacgaaa ctggatctaa caaccctact ggaatctcat 240
cagacataga caaaatccca ttccacccat actacaccat taaagatatac ctaggagccc 300
tattcataat actaatcctg ctaatcctag tattattctc cccagaccta ctaggagacc 360
cagacaacta taccggagca aacccattaa acacaccacc ccacatcaa ccagaatgat 420
atttcctatt cgccctacgcc atcctacggtt caatccctaa taaatttaggt gg 472

<210> 125
 <211> 472
 <212> DNA
 <213> Sus scrofa haplotype EWB3

<400> 125
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 tccctatat cggaacagac ctcgtagaat gaatctgagg gggctttcc gtcgacaaag 120
 caaccctcac acgattttc gccttccact ttatcctgcc attcatcatt accgcctcg 180
 cagccgtaca tctcctattc ctgcacgaaa ccggatccaa taaccctacc ggaatctcat 240
 cagacataga caaaattcca tttcacccat actacactat taaagacatt ctaggagcct 300
 tatttataat actaatccta ctaatccttg tactattctc accagaccta ctaggagacc 360
 cagacaacta cacccagca aacccactaa acacccacc ccatattaaa ccagaatgat 420
 atttcttatt cgctacgct attctacggt caatccctaa taaactaggt gg 472

<210> 126
 <211> 472
 <212> DNA
 <213> Sus barbatus

<400> 126
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 caaccctcac acgattttc gccttccact ttatcctgcc cttcgtcatt accgcctcg 180
 cagccgtaca tctcctattc ctacacgaaa ccggatccaa taacccacc ggaatttcat 240
 cagacataga caaaattcca tttcacccat actacactat caaagacatt ctaggagcct 300
 tatttataat actaatccta ctaatcttag tactattctc accagaccta ctaggagacc 360
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 atttcttatt cgctacgct attctacggt caatccccaa taaactaggc gg 472

<210> 127
 <211> 472
 <212> DNA
 <213> Lama glama

<400> 127
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caggaggtaca tctactattt ttacacgaaa caggctccaa caatccaaca ggaatttctt	240
cggatataga caaaatcccc ttccatccct actatacaat taaagacatt ctaggagcac	300
tactacttat tctaacccta cttctactcg tactattctc accagaccta ctaggagacc	360
ccgacaacta tactcccgct aacccctca acacaccgcc ccatattaaa ccagaatgat	420
acttcctatt tgcatacgcc atcctacgat ccatccccaa taaattaggc gg	472

<210> 128
<211> 472
<212> DNA
<213> lama guanicoe

<400> 128	
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ccacccttac rcgattcttc gccttccact ttatcttacc ttttgcatt gcagctctag	180
caggagtgc tctactattt ttacacgaaa caggctccaa caatccaaca ggaatttctt	240
cggatataga caaaatcccc ttccatccct actatacaat taaagacatt ctaggagtac	300
tactacttat tctgacccta cttctactcg tactattctc accagaccta ctaggagacc	360
ccgacaacta tactcccgct aacccctca acacaccgcc tcataaaaa ccagaatgat	420
acttcctatt tgcatatgcc atcctacgat ccatccccaa caaattaggc gg	472

<210> 129
<211> 472
<212> DNA
<213> Vicugna vicugna

<400> 129	
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ccacccttaa ccgattcttc gccttccact ttatcttacc tttcatcatt gcagctctag	180
cgggagtaca tctactattt ttacacgaaa caggctccaa caacccaaca ggaatttctt	240
cagatataga caaaattccc ttccatccct actacacaat taaagacatt ttaggagcac	300
tactacttat tctgattcta ctcctactcg tactattctc accagactta ctaggagacc	360
ccgacaacta taccggcgct aacccctta acacaccacc ccacataaaa ccagaatgat	420
atttcctatt tgcatatgct attctacgat cgatccccaa taaattaggc gg	472

<210> 130
 <211> 472
 <212> DNA
 <213> *Camelus bactrianus*

<400> 130
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<210> 131
 <211> 472
 <212> DNA
 <213> *Arctocephalus forsteri*

<400> 131
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 caaccctaac acgatttttc gccttccact tcatttccc cttcgttagca tcagcactag 180
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<210> 132
 <211> 472
 <212> DNA
 <213> *Arctocephalus gazella*

<400> 132
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caaccctaac acgattcttc gccttcact ttattttcc cttcgtagta tcagcactag 180
taatagtgca cctactattc ctacacgaaa caggatccaa caacccatca ggagtctcct 240
ctgactcgga caaaattcca ttccacccat attatacaat taaagatatc ctgggagccc 300
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attttctatt cgctatgcc atttacgat ccatccccaa caaactagga gg 472

<210> 133
<211> 472
<212> DNA
<213> *Eumetopias jubatus*

<400> 133
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caaccctaac acgattcttc gccttcact ttatttccc ctgcgtagta tcagcactag 180
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<210> 134
<211> 472
<212> DNA
<213> *Zalophus californianus*

<400> 134
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caaccctaac acgattttt gccttcact ttatttccc ctgcatacgta tcagcactag 180
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<210> 135
 <211> 472
 <212> DNA
 <213> *Odobenus rosmarus*

<400> 135
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 cggacaatta caccccagcc aaccctctca gcaccccccacc ccatatcaaa cccgaatgat 420
 atttcctatt cgctacgct atcctccgat ctattccaa caaactcggg gg 472

<210> 136
 <211> 472
 <212> DNA
 <213> *Phoca vitulina*

<400> 136
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 caaccctaac acgattcttc gccttccact tcattcctgcc attcgttagta tcagccctag 180
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<210> 137
 <211> 472
 <212> DNA
 <213> *Phoca fasciata*

<400> 137
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caaccctaac acgattttc gcttccact ttatcctacc attttagtgc tcagcactag 180
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tactcctcat cctagtccta atactactag tactattctc acccgaccta ctaggagacc 360
ccgacaacta caccctgccc aacccctaa gcacccacc acatatacg 420
actttctatt tgcctacgca atcctacgat caatccccaa caaactagga gg 472

<210> 138
<211> 472
<212> DNA
<213> *Phoca groenlandica*

<400> 138
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caaccctaac acgattttc gccttccact tcattttacc attcgttagt ttagcactag 180
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tactcctcat cctggcctt atactactag tactgttctc acccgaccta ctgggagacc 360
ccgacaacta catccctgccc aatccccaa gtacccacc acatatacg 420
actttttatt tgcctacgca atcctacgat caatccccaa caaactagga gg 472

<210> 139
<211> 472
<212> DNA
<213> *Cystophora cristata*

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<210> 151
<211> 472
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<213> *Glaucomys sabrinus*

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<213> *Hylopetes phayrei*

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ctacccttac acgattcttt accttccact ttatcctacc cttcatcatc acagccctaa 180
caaccctcca tctcctatTTt ctacacgaaa caggatcaaa caaccctcta ggcatcccct 240
cccactctga caaaatcacc ttccacccct actacacaat caaagacatc ctaggcctat 300
tcctctttct cctgacccctg ataacattaa cactattctc accagacccctc ctaggagacc 360
cagacaacta caccttagcc aaccccttaa gcaccccccacc ccacatcaaa cccgaatgat 420
atttcctatt tgcctacgca attctccgat ctgtccccaa taaaacttagga gg 472

<210> 166
<211> 472
<212> DNA
<213> Homo sapiens sapiens

<400> 166
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ccaccctcac acgattcttt accttccact tcatttgcc cttcattttt gcagccctag 180
caacactcca cctcctattt ttgcacgaaa cgggatcaaa caacccctta ggaatcacct 240
cccattccga taaaatcacc ttccacccctt actacacaat caaagacgccc ctcggcttac 300
ttctcttcct tctctccctt atgacattaa cactattctc accagacccctc ctaggcgacc 360
cagacaatta tacccttagcc aaccccttaa acacccctcc ccacatcaag cccgaatgat 420
atttcctatt cgcctacaca attctccgat ccgtccccaa caaacttagga gg 472

<210> 167
<211> 472
<212> DNA

<213> Dugong dugong

<400> 167
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ccaccctcac ccgattttc gcctacact tcatcctacc cttcatcgta accgcctag 180
taatagtcca cttactattc ctccacgaaa caggctccaa caacccacg ggactgatct 240
ccgactcaga caaaatcca ttccacccat attattcagt caaagacctc cttaggcstat 300
tcctcctcat tctagtctta ctccctactaa ccctgttctc cccggacata ctgggagacc 360
cagacaacta cacaccagcc aacccactaa acacccctcc ccacattaaa ccagaatgat 420
actttctatt ccgatacgct atccctccgat ctatccctaa taaacttaggc gg 472

<210> 168

<211> 472

<212> DNA

<213> Elephas maximus

<400> 168
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caaccttaaa ccgattttc gccttccatt tcatcctcc atttactata gttgcactag 180
caggagtgca cctaaccctt ctccacgaaa caggctcaaa caacccacta ggtctcactt 240
cagactcaga caaaattccc tttcacccgt actatactat caaagacttc cttaggctac 300
ttatcctaattttactcctt ctactcttag ccctactatc tccagacata cttaggagacc 360
ctgacaacta cataccagct gatccactaa atactcccct acacatcaaa ccagagtgat 420
acttcctttt tgcttacgccc attctacgat ctgtacccaa caaacttagga gg 472

<210> 169

<211> 472

<212> DNA

<213> Afropavo congensis

<400> 169
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caaccctcac ccgattttc gcctacact ttcttctccc ctttctaatt gcggaaatta 180
caattatcca ctcacattc ctcatcgaaat caggctcaaa caacccactg ggcacatctcat 240

ccaattcaga taaaatccca ttccacccgt actactccct caaagatatac ctaggcttag 300
cactcatgct cattccattc ctgacactag ccctactctc ccccaacctc ttaggtgatc 360
cagaaaactt cacccagca aaccctctag taactccccc acacattaaa ccagaatgg 420
atttcttatt tgcctatgcc atccttcgct caatccaaa caaacttagga gg 472

<210> 170
<211> 472
<212> DNA
<213> *Pavo muticus*

<400> 170
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tcccttatat tggacaaacc ctatgtttat gagcctgagg gggattctca gtcgacaacc 120
caaccctcac ccgattcttc gccctacact ttctcctccc cttttaatc gcaggaatta 180
caattatcca ctcacattc ctccatgaat caggctcaaa taatccacta ggcacatctcat 240
ccaactcaga caaaattccg ttccacccat actactccct caaagatatac ctaggctaa 300
ctcttatatt tatccatttc ctaacactag ccctattctc ccccaatctc ttaggtgacc 360
cagaaaactt tacccagca aaccccttag taacccccc gcacattaaa ccagaatgat 420
acttcttatt tgcctacgccc atccttcggtt caatccaaa caaacttagga gg 472

<210> 171
<211> 472
<212> DNA
<213> *Tragopan blythii*

<400> 171
tcccatgagg acaaataatca ttttgagggg ctaccgtcat cacaaactta ttctcagcaa 60
tcccatatcat tggccaaacc ttatgtttat gagcctgagg aggctttca gttgacaatc 120
caaccctcac tcgattcttc gccctacact tcctcctccc attttaatc gcaggaatta 180
ccatcatgca ctcacatttc ttacatgaat caggctctaa taacccactg ggcacatctcat 240
ctaactctga caaaatccca ttccacccgt actactccct caaagatatac ctgggtctaa 300
cactcatgct caccccttc ctcacactag cattattctc accgaaccta ttaggcacc 360
cagaaaactt cacccagca aacccactag taacccctcc ccatataaa ccagaatgat 420
acttccttatt cgcttatgcc atccttcgct caatccaaa caaacttggg gg 472

<210> 172
<211> 472

<212> DNA
 <213> Tragopan satyra

<400> 172
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 tcccatacat tggtcaaacc ctagtagaat gagcgtgagg cggtttca gttgacaatc
 caaccctcac ccgattcttc gcctacact tcctcctccc atttgtaatc gcaggaatta 120
 ctatcataca cctcatcttc ttacatgaat caggctctaa taaccactg ggcatctcat
 ccaactctga caaaatccca ttcatccat actactccct caaggatatc cttaggcctaa 180
 cactcatgct caccccccctc ctcacactag ctttattctc accaaaccta cttaggtgatc
 cagaaaactt cacccagca aacccactag taaccctcc ccatattaaa ccagaatgat 240
 acttcctatt cgctacgccc atcctacgct caatccaaa caaacttgga gg 300
 420
 472

<210> 173
 <211> 472
 <212> DNA
 <213> Tragopan caboti

<400> 173
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 tcccatacat tggccaaact ctagtagaat gggcgtgagg gggctttca gttgacaatc
 caacccttac ccgattcttt gcctacact tcctcctccc atttgtaatc gcaggaatca 120
 ccatcatcca cctcatcttc ctacatgaat caggctctaa caaccctctg ggcatctcat
 ctgactctga caaaatccca ttccacccgt actactccct caaagatatc ctgggcctaa 180
 cactcatact cactcctctc ctcacactag ctttattttc accaaaccta cttaggtgacc
 cagaaaactt cacccagca aacccattgg taactcctcc ccatatcaag ccagaatggt 240
 atttcctgtt cgcttatgcc atcctacgct caatccaaa caaactcgga gg 300
 360
 420
 472

<210> 174
 <211> 472
 <212> DNA
 <213> Tragopan temminckii

<400> 174
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 tcccatacat tggccaaacc ctagtagaat gagcttgagg gggctttca gttgacaatc
 caacccttac ccgattcttt gcctacact tcctcctccc atttgtaatc gcaggaatta 120
 ccatcatcca cctcatcttc ctacatgaat caggctcaaa caaccctcta ggcatctcat 180
 240

ctaaactctga caaaatccca ttccacccgt actactccct caaagatatac ctaggcctaa	300
cactcatact cactcccctc ctcacactag ccttatttc accaaaccta ctaggtgatc	360
cagaaaactt caccccagca aacccactag taactcctcc ccatatcaaa ccagaatgat	420
attttctgtt cgcttatgcc atcctgcgct caattccaaa caaactcgga gg	472
<210> 175	
<211> 472	
<212> DNA	
<213> Argusianus argus	
<400> 175	
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tcccttatat tggacaaacc ctagtagagt gagcctgagg aggatttca gtcgacaacc	120
ccacccttac ccgattcttt gctctacatt tcctcctacc ctgcgtatc gcaggaatca	180
ccatcatcca cctcacattc ctacacgaat caggctcaaa caacccacta ggcatctcat	240
ctaaactctga caaaatccca ttccacccat actactccct caaagacatc ctaggcctaa	300
cactcatact cgctccattc ttacactaa ccctattcta cccaaaccta ctaggtgacc	360
cagaaaactt caccccagca aacccattag taactccacc ccacatcaag ccagaatgat	420
acttcctatt cgcttatgcc atcctacgct caatccaaa caaacttagga gg	472
<210> 176	
<211> 472	
<212> DNA	
<213> Catreus wallichii	
<400> 176	
ttccatgggg acaaataatca ttttgagggg ctactgtcat cacaaatcta ttctcagcaa	60
tcccttacat cggacagacc ctagtagaat gagcctgagg aggattctca gttgacaatc	120
caactctcac ccgattcttc gccctgcact tcctcctcc ctgcgtatt gcaggaatca	180
ccatcaccca tctcatattc ctacatgaat caggctcaaa taaccccta ggcatctcat	240
ctaaactccga caaaatccca ttccacccat actactccct caaagatatac ctaggcctag	300
cacttatatt caccccattc ctaacactag ccctattctc accaaatctt ctggcgacc	360
cagaaaactt caccccagca aatccattag taacccacc acacattaaa ccagaatggt	420
acttcttatt tgcctacgct atcctacgct caatccaaa taaaactcgga gg	472
<210> 177	

<211> 472
 <212> DNA
 <213> *Crossoptilon crossoptilon*

<400> 177
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 caaccctcac ccgattttc gccttacact tcctctccc cttcgtaatt gcaggaatta 180
 ctgtcaccctt cctcatattt ctacacgaat caggctcaaa caacccacta ggcatctcat 240
 ctaattccga caaaatccca ttccacccct actactccct caaagacatc ctaggcctag 300
 cacttatact cacccttattt ctaacactag ccctatttctc acctaaccctt ctggcgacc 360
 cagagaactt cacccttattt ctaacactag taacccccc tcacattaaa ccagaatgat 420
 acttcctatt tgcctatgct atcctgcgct caatcccaaa taaaactcgga gg 472

<210> 178
 <211> 472
 <212> DNA
 <213> *Syrmaticus reevesi*

<400> 178
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 tcccttacat cggacaaacc ctagtagagt ggccctgagg aggattctca gttgacaacc 120
 caaccctcac ccgattttc gccttacact ttctcttacc cttcgtaatc acaggaatca 180
 ccatcacaca tcttatgttc ctacacgaat caggctcaaa caacccacta ggcatttcat 240
 ctaactctga caaaatcccc ttccacccat actactctct caaagatatc ctaggcctag 300
 cacttatact cacccttattt ctcacactag ccctatttctc acctaaccctg ctggcgacc 360
 cagaaaactt cacccttattt ctcacactag taacccctcc tcacattaaa ccagaatgat 420
 acttcctatt tgcctacgccc atcctacgct caatcccaaa caaactgggg gg 472

<210> 179
 <211> 472
 <212> DNA
 <213> *Bambusicola thoracica*

<400> 179
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 ttcccttacat cggacaaacc ctagtagaat gagcctgggg gggattctca gtagacaacc 120
 caactctcac ccgattttc gccttacact tcctactccc cttcgtaatc gcaggaatta 180

ccattatcca cctcacatTC ttacacgaat caggatcaaa caaccccta ggcatctcat	240
ctaactccga caaaatcccA ttccacccat actactcTT taaagacatt ctcggcctag	300
cccttatatt catcccattc ctgacactag ccctattctc ccctaaccTC ctaggagacc	360
cagaaaactt cacccCAGCA aacccactag taacccCTCC acacatcaaa ccagagtggT	420
acttcctatt cgCgtatgct atcgtacgat caatccccaa caaactcgga gg	472
<210> 180	
<211> 472	
<212> DNA	
<213> <i>Francolinus francolinus</i>	
<400> 180	
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ttccctacat tggacaaacc tttagtaggt gagcctgagg gggattctca gtagataacc	120
caaccctcac ccgattcttc gccctacact tccttctccc cttcgtaatt gcaggaatca	180
ctatcatcca cctcacatTT ctgcacgaat caggctcaaa caaccccta ggcatctcat	240
ctgactctga caaaatcccA ttccacccat actacaccCT caaagacatc ctaggcctaa	300
cccttatatt catccctctc cttagacttag ccctattctc ccccaaccTC ctaggcgacc	360
cggaaaactt cacccCAGCA aacccactag taactcCTCC ccacatcaaa ccagaatgat	420
acttcctatt tgcctacgCC atcctacgct caatccccaa caaactcgga gg	472
<210> 181	
<211> 472	
<212> DNA	
<213> <i>Ithaginis cruentus</i>	
<400> 181	
taccatgagg acaaataatca ttctgaggag ccactgtaat cacaaaccta ctctcagcaa	60
ttccctacat cggccaaact ctggtagaat gagcttgagg aggattttca gtagacaacc	120
caaccctcac ccgattcttc gccctacact ttcttctccc cttcgcaatc gcaggaatta	180
ctgtcatcca ccttacactc ctccacgaat caggttcaaa taacccacta ggcatctcat	240
ctaactctga caaaatcccA ttccacccat actactccCT caaagacatc ctaggcctag	300
cacttatact catccccTT cttagacttag tcctattttc ccccaaccTC ctaggagatc	360
cagaaaactt tagtccagCA aacccCCTAG taacccCACC ccatattaaa ccagaatgat	420
acttcctatt tgcctacgCT attctacgct caatccccaa taaaacttgga gg	472

<210> 182		
<211> 472		
<212> DNA		
<213> <i>Anthropoides paradisea</i>		
<400> 182		
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tcccatatat cggccaaacc ctgttagaat gagttgagg gggtttctca gtagacaatc	120	
ccacattaac tcgatttttc actttacact tcctccttcc attcataatt atgggcctca	180	
ccctaattcca cctcaccttc ctgcacgagt ccggctcaaa caacccctta ggcattgtat	240	
caaactgcga taaaatccca ttccacccct attttcctt aaaagatatc ctaggattca	300	
tactcatact actcccaactc ataaccctag ctctattctc accaaactta ctaggagacc	360	
cagaaaactt cacccagca aacccctag tcacacctcc ccatatcaaa ccagaatgat	420	
atttcttatt tgcgtatgcc atcctacgtt caattccaaa caaacttagga gg	472	
<210> 183		
<211> 472		
<212> DNA		
<213> <i>Anthropoides virgo</i>		
<400> 183		
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tcccatatac cggccaaacc ctgttagaat gagttgagg gggtttttca gtagataatc	120	
ccacattaac tcgatttttc acgttacact tcctccttcc attcataatt atgggcctca	180	
ccctaattcca cctcaccttc ctgcacgaaat ccggctcaaa caacccctta ggcattgtat	240	
caaactgcga taaaatccca ttccacccct attttcctt aaaagatatc ctaggattca	300	
tactcatact actcccaactc ataaccctag ctctattctc accaaactta ctaggagacc	360	
cagaaaactt ccccccagca aatccctag tcacacctcc ctatattaaa ccagaatgat	420	
atttcttatt tgcatacgcc atcctacgtt caattccaaa caaacttagga gg	472	
<210> 184		
<211> 472		
<212> DNA		
<213> <i>Grus antigone antigone</i>		
<400> 184		
taccatgagg acaaataatca ttttgagggg ctacagtcat caccaatctc ttctcagccg	60	
tccctacat cggccaaacc ctgttagaat gagttgagg gggcttctca gtagacaatc	120	
ccacattaac tcgatttttc actttacact tcctccttcc attcataatc ataggcctca	180	

ccctaattca cctcaccccttc cttcacgaat ccggctcaaa caacccctta ggcacatcgat	240
caaactgcga taaaatccca ttccacccctt actttcctt aaaagatatac ctaggattca	300
cactcatact acttccactc ataaccctag ccctattctc accaaaccta ctaggagacc	360
cagaaaactt caccccagca aaccccttag tcacacctcc tcatatcaag ccagaatgat	420
acttttatt tgcatacgcc atcctacgtt caatccaaa caaactagga gg	472

<210> 185
<211> 472
<212> DNA
<213> *Grus antigone gillae*

taccatgagg acaaatatca ttttgagggg ctacagtcat caccaatctc ttctcagccg	60
tccctacat cggccaaacc cttgtagaat gagcttgagg gggcttctca gtagacaatc	120
ccacattaac tcgattcttc actttacact tcctccttcc attcataatc ataggcctca	180
ccctaattca cctcaccccttc cttcacgaat ccggctcaaa caacccctta ggcacatcgat	240
caaactgcga taaaatccca ttccacccctt actttcctt aaaagatatac ctaggattca	300
cactcatact acttccactc ataaccctag ccctattctc accaaaccta ctaggagacc	360
cagaaaactt caccccagca aaccccttag tcacacctcc tcatatcaag ccagaatgat	420
acttttatt tgcatacgcc atcctacgtt caatccaaa caaactagga gg	472

<210> 186
<211> 472
<212> DNA
<213> *Grus antigone sharpei*

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tccctacgg cggccaaacc cttgtagaat gagcttgagg gggcttctca gtagacaatc	120
ccacattaac tcgattcttc actttacact tcctccttcc cttcataatc ataggcctca	180
ccctaattca cctcaccccttc cttcacgaat ccgggtcaaa caacccctta ggcacatcgat	240
caaactgcga taaaatccca ttccacccctt actttcctt aaaagatatac ctaggattca	300
cactcatact acttccactc ataaccctag ccctattctc accaaaccta ctaggagacc	360
cagaaaactt caccccagca aaccccttag tcacacctcc ccatatcaag ccagaatgat	420
acttttatt tgcatacgcc atcctacgtt caatccaaa caaactagga gg	472

<210> 187
<211> 472
<212> DNA
<213> *Grus leucogeranus*

<400> 187
taccatgagg acaaatatca ttttgagggg ctacagtcat caccaatctc ttctcagccg 60
tccctacat cggccaaacc ctgttagaat gagcttgagg gggcttctca gtagacaacc 120
ccacattaac tcgatttttc actttacact tcctccttcc attcataatc ataggcctca 180
ccctaattca cctcaccttc ctgcacgaat ccggctcaaa caacccctta ggcatcgat 240
caaactgcga taaaatccca ttccacccct acttttcctt aaaagatatc ctagggttca 300
tactcatact acttccactc ataaccttag ccctattctc accaaactta ctaggagacc 360
cagaaaactt cactccagca aaccccttag taacacccccc acatattaaa ccagaatgt 420
acttcattt tgcatacgcc atccgacgtt caatccaaa ccaaacttagga gg 472

<210> 188
<211> 472
<212> DNA
<213> *Grus canadensis pratensis*

<400> 188
tgccatgagg acaaatatca ttctgagggg ctacagtcat taccacccctc ttctcagccg 60
tccctacat cggccaaacc ctgttagaat gggcttgagg gggcttctca gtagacaatc 120
ccacattaac cgcatttttc actttacact tcctccttcc attcataattt ataggcctca 180
ccctaattca cctcaccttc ctgcacgaat ccggctcaaa caacccctta ggcattgtat 240
caaactgcga taaaatccca ttccacccctt attttcctt aaaagatatc ctagggttca 300
tactcatact acttccactc ataaccccttag ctctattttc accaaactta ctaggagacc 360
cagaaaactt cactccagca gaccccttag tcacacctcc ccatatcaaa ccagaatgt 420
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<210> 189
<211> 472
<212> DNA
<213> *Grus canadensis rowani*

<400> 189
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tccctacat cggccaaacc ctgttagaat gggcttgagg gggcttctca gtagacaatc 120

ccacattaac ccgattcttc actttacact tcctcctccc attcataatt ataggcctca	180
ccctaattcca cctcacccctc cttcacgaat ccggctcaaa caatccccata ggcattgtat	240
caaactgcga taaaatccca ttccacccctt attttcctt aaaagatatac ctagggttca	300
tactcatact acttccactc ataaccctag ctctattttc accaaactta ctaggagacc	360
cagaaaactt cacccagca aacccctag tcacacctcc ccatatcaaa ccagaatgat	420
acttttatt tgcctacgccc atcttacgct caatccaaa caaacttagga gg	472

<210> 190

<211> 472

<212> DNA

<213> *Grus canadensis tabida*

<400> 190

taccatgagg acaaatatca ttctgagggg ctacagtcat taccaacccctc ttctcagccg	60
tccatacat cggccaaacc ctcgtagaat gggcttgagg gggcttctca gtagacaatc	120
ccacattaac ccgattcttc actttacact tcctcctccc attcataatt ataggcctca	180
ccctaattcca cctcacccctc cttcacgaat ccggctcaaa caacccctta ggcattgtat	240
caaactgcga taaaatccca ttccacccctt attttcctt aaaagatatac ctagggttca	300
tactcatact acttccactc ataaccctag ctctattttc accaaactta ctaggagacc	360
cagaaaactt cacccagca aacccctag tcacacctcc ccatatcaaa ccagaatgat	420
acttttatt tgcctactcc atcttacgct caatccaaa caaacttagga gg	472

<210> 191

<211> 472

<212> DNA

<213> *Grus canadensis canadensis*

<400> 191

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tccatacat cggccaaacc ctcgtagaat gggcttgagg gggcttctca gtagacaatc	120
ccacattaac ccgattcttc actttacact tcctcctccc attcataatt ataggcctca	180
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caaactgcga taaaatccca ttccacccctt attttcctt aaaagatatac ctagggttca	300
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<210> 220
<211> 472
<212> DNA
<213> Hippotragus equinus

<400> 220
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caaccctcac ccgatttttc gccttccact ttattttcc ctttatcatc actgcccttg 180
ccatagtaca cctactcttt ctccatgaga caggctccaa caacccacca ggaatttgat 240
cagactccga taaaacccca ttccaccctt actacaccat taaagacatt ttaggcgccc 300
tactactaat tctagccctc atactactag tactattcgc acccgaccta cttggagacc 360
cagacaacta tgccccagca aacccactca acacggccccc tcacattaaa cccgaatgat 420
attttttatt cgcgtacgca attctacgat cgatccccaa taagctggga gg 472

<210> 221
<211> 472
<212> DNA
<213> Alcelaphus buselaphus

<400> 221
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caacccttac ccgattttt gccttccact tcatttccatt attcatcatt gcagcccttg 180
ccatagttca ccttttattc ctccacgaaa caggatctaa caaccccaca ggaatctcat 240
cagacgcaga taaaatccca ttccacccct actatacaat caaggacatt ctaggcgccc 300
tattactaat cctagccctc atactactag tactattcgc acccgacctg ctggagacc 360
cagacaacta caccccgcg aacccactta acacacccccc tcacatcaag cccgaatgat 420
attcctatt tgcatacgca atcctacgat caatccctaa caaactagga gg 472

<210> 222
<211> 472
<212> DNA
<213> *Sigmoceros lichtensteinii*

<400> 222
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caacccttac ccgattttt gccttccact tcatttcccattt attcatcatt gcagcccttg 180
ccatagttca ccttttattc ctccacgaaa caggatctaa caaccccaca ggaatctcg 240
cagacgcaga taaaatccca ttccacccct actatacaat caaggacatt ctaggcgccc 300
tattactaat tctagccctc atactactag tactattcgc acccgacctg ctggagacc 360
cagacaacta caccccgcg aacccactta acacacccccc tcacatcaag cccgaatgat 420
attcctatt tgcatacgca atcctacgat caatccctaa caaactagga gg 472

<210> 223
<211> 472
<212> DNA
<213> *Beatragus hunteri*

<400> 223
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caaccctcac ccgatttttc gccttccact ttatttcccattt attcatcatt acagcccttg 180
ccatagttcca ccttttattt ctccacgaaa caggatctaa caaccccaca ggaatctcg 240
cagatgcaga taaaatttcca ttccacccct actacaccat caaagacatc ctaggcgccc 300
tactactaat tctagccctc atattactag tactattgc acccgacctg ctggagacc 360

cagacaacta caccggca aacccactta atacacccccc tcacatcaaa cccgaatgat 420
atttcctatt tgcatacgca atcctacgat caatccccaa taaacttagga gg 472

<210> 224
<211> 472
<212> DNA
<213> *Damaliscus lunatus*

<400> 224
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ccaccctcac ccgattcttt gccttccact tcattttccc atttatcatc gtagctcttg 180
ccatagtgc cctcttattc ctccatgaaa caggatctaa caacccaca ggaatctcat 240
cagatgcgga caaaatcccg tttcaccctt actacactat caaagacgcc ctaggggcc 300
tactactaat tctagccctc atactactag tactatttgc acccgacctg ctcggagacc 360
cagacaacta caccctgca aacccactca acacacccccc tcacatcaag cccgagtgtat 420
atttcctatt cgcatatcgca atcctacgat caatccccaa cgagcttagga gg 472

<210> 225
<211> 472
<212> DNA
<213> *Connochaetes taurinus*

<400> 225
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caacccttac ccgatttttc gccttccact tcattccctcc atttatcatc acagcccttg 180
ctatagtcca tctccttattc ctccacgaaa caggatctaa caatcccaca ggaatttcat 240
ccgacaccga taaaatccca ttcccccattt attacaccat caaagacatc ctaggcgctc 300
tattactaat tctagcccta atactactag tactatttgc gcccgttta cttggagacc 360
cagacaacta caccggca aatccactca acacacccccc tcacatcaag cccgaatgat 420
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<210> 226
<211> 472
<212> DNA
<213> *Bison bonasus*

<220>

<221> misc_feature
<222> (437)..(437)
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caACCCTAC CGGATTTC GCTTCCACT ttATCCTCCC ATTATTATC ATAGCAATTG 180
ccatAGTTCA CCTACTATTc CTCCACGAAA CAGGTCTAA CAATCCAACA ggaATTcCT 240
cagacacAGA caAAATTCCA ttCCACCCtt ACTATACCAT taaAGACATC CTAGGAGCCT 300
tattactAAT tCTAACTCTA ATACTACTAG TACTATTcGC ACCGGACCTC CTCGGAGACC 360
cagataACTA CACCCAGCA AATCCACTTA ACACACCTCC CCACATCAAa CCCGAATGAT 420
acttcttatt tgcATANGCA ATTTACGGT CAATCCCCAA CAAACTAGGA gg 472

<210> 227
<211> 472
<212> DNA
<213> Bos grunniens

<400> 227
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caACCCTAC CGGATTTC GCTTCCACT ttATCCTCCC ATTATTATT ACAGCAATTG 180
ccatAGTCCA CCTACTATTc CTCCACGAAA CAGGCTCAA CAATCCAACA ggaATCTCCT 240
cagacgcAGA caAAATTCCA ttTCACCCt ACTATACCAT taaAGACATC TTAGGAGCCT 300
tattactAAT tCTAGCCtA ATACTCTGG TACTATTcAC ACCGGACCTC CTCGGAGACC 360
cagacaACTA CACCCAGCA AATCCACTCA ACACACCTCC CCACATCAAa CCCGAATGAT 420
acttcttatt tgcATACGCA ATTTACGAT CAATCCCCAA TAAACTAGGA gg 472

<210> 228
<211> 472
<212> DNA
<213> Bos tragocamelus

<400> 228
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caataatcca tctactcttc ctccatgaaa cagggtctaa caatccaaca ggaatttcat 240
cagacgcaga taaaatccca tttcacccct actacactat taaagacatt ctaggagccc 300
tactacttat tctagcccta ataatactag tactattcgc acccgacctc ctcggagacc 360
cagacaacta caccccagca aacccactta gcacacctcc ccatattaag cccgaatgg 420
atttcctgtt cgcatacgca attctacgat caatccccaa caaactagga gg 472

<210> 229
<211> 472
<212> DNA
<213> *Bubalus bubalis*

<400> 229
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caaccctcac ccgatttttc gcatttcact tcattctccc attcattatc gcaggacttg 180
caatagtcca cctattatctt ctccacgaaa caggatccaa caacccaaca ggaatctcat 240
cagacacaga caaaatccca ttccacccct attacaccat taaagacatc ctaggcgccc 300
tactattaat cctagcccta atactattag tactattcgc acccgacctc ctcggggacc 360
cagacaacta caccccagca aacccactca acacacctcc ccacatcaag cctgaatgg 420
atttcctatt cgcatacgca atcttacgat caattcctaa caaactagga gg 472

<210> 230
<211> 472
<212> DNA
<213> *Bubalus mindorensis*

<400> 230
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caaccctcac ccgatttttc gcatttcact tcattctccc attcattatc gcaggacttg 180
caatagtcca cctattatctt ctccacgaaa caggatccaa caacccaaca ggaatctcat 240
cagacacaga caaaatccca ttccacccct actacaccat taaagacatt ctaggcgccc 300
tgctattaat cctagcccta atactattag tactattcac acccgacctc ctcggggacc 360
cagacaacta caccccagca aacccactca acacacctcc ccacatcaaa cctgaatgg 420
atttcctatt cgcatacgca atcttacgat cagttcctaa caaactagga gg 472

<210> 231
 <211> 472
 <212> DNA
 <213> *Tragelaphus angasii*

<400> 231
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 ttatggtcca cctattatttc ctccatgaaa caggatccaa caacccaaca ggaatctcat 240
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 ccgacaacta caccccagcg aacccctca atacacctcc ccatatcaaa cctgaatgat 420
 attcctgtt cgcatatgca atcctacgat ctatccccaa caagcttagga gg 472

<210> 232
 <211> 472
 <212> DNA
 <213> *Tragelaphus eurycerus*

<400> 232
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 caacctaacttccgc ccgattttc gccttccact ttatccttcc atttattattt acagcactat 180
 ccatggtaca cctactatttc ctccacgaaa caggatccaa caacccaaca ggratctcat 240
 craacataga caaaattcca tttcaccctt actacactat taaggacatc ctaggtgccc 300
 tactgctaatttccatctta atactccttag tactattcgc acccgacccctt ctcggagacc 360
 ccgacaacta caccccagca aacccactca acacaccacc tcataatcaaa cctgaatgat 420
 acttccttatttccatctta atcctacgat caatccctaa taaacttagga gg 472

<210> 233
 <211> 472
 <212> DNA
 <213> *Nemorhaedus caudatus*

<400> 233
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ctactctcac ccgattcttc gccttccact tcatcctccc atttattcatt acagctactg 180
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cagacataga caaaatccca tttcaccctt attatacaat caaagatatt ctaggcgcta 300
tactactaat cctcaccctt attttactgg tattattcac acctgactta cttggagatc 360
cagacaacta taccccagca aacccactca gcacacccccc tcacattaaa cctgaatgat 420
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<210> 234
<211> 472
<212> DNA
<213> Pseudois nayaur

<400> 234
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ccactctcac ccgattcttc gccttccact tcatcctccc atttatttatt atagccctcg 180
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cagacacaga caaaatccca ttccaccctt actacaccat taaagatatt ctaggcgctg 300
cactgctaatt ctcgccttg atattactag tattattac acccgaccta ctcggagacc 360
cagacaacta caccccagca aacccactca acacacccccc tcacattaaa cccgagtgtat 420
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<210> 235
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<212> DNA
<213> Ammotragus lervia

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tgctactaat ctcacccctc acactactag tactattac acccgatcta ctcggggacc 360
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<210> 236
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 <212> DNA
 <213> *Capra falconeri*

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 cagataacta tatcccgacca aatccactca atacacccccc tcataatcaaa cctgagtggt 420
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<210> 237
 <211> 472
 <212> DNA
 <213> *Capra ibex*

<400> 237
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 attcctatt tgcatacgca atcctacgat caattccccaa caaacttaggg gg 472

<210> 238
 <211> 472
 <212> DNA
 <213> *Hemitragus jemlahicus*

<400> 238
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cagacaacta tacccagca aatccactca acacacccccc tcacattaaa cctgaatgat 420
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<210> 239
<211> 472
<212> DNA
<213> Rupicapra pyrenaica

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ctaccctcac ccgattcttt gccttcact tcattctccc attcatcatt gcagccttag 180
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<210> 240
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<212> DNA
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cagataatta cacccagcg aacccactca acacacccccc tcacattaaa cccgagtgtat 420
atttcttatt tgcatacgca attctacgat caatccccaa caaacttgga gg 472

<210> 241
<211> 472
<212> DNA
<213> *Pantholops hodgsoni*

<400> 241
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<210> 242
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<212> DNA
<213> *Budorcas taxicolor taxicolor*

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cagataatta taccggcggca aatccactca acacacccccc tcacataaa cctgaatgtat 420

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tcctactaat CCTCACCCtC ATACTACTAG TACTATTACtC GCCTGACCTA CTCGGAGACC	360
cagacaacta CACCCAGCA AACCCACTTA ACACTCCCCC TCACATCAA CCTGAATGAT	420
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 ctatAGTTCA CCTACTCTTC CTCCACGAAA CAGGATCCAA TAACCCACA GGAATTCCAT 240
 CGGACACAGA CAAAATCCCC TTCCNNNNNN NNNNNNNNAT TAAAGACATT CTGGGTGCCA 300
 tcctactaat CCTCATCCTC ATGCTGCTAG TACTATTAC GCCTGACTTA CTTGGAGACC 360
 cagacaacta CACCCAGCA AACCCACTTA ACACTCCCC TCACATCAAA CCTGAATGAT 420
 atttcctatt tgcataATGCA ATCTTACGAT CAATCCCTAA TAAACTAGGA GG 472

<210> 245
 <211> 472
 <212> DNA
 <213> Capcornis crispus

<400> 245
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 CCACCCCTCAC CGATTCTTGCCTTCATT TCATTCTCCC ATTCAATCATC ACAGCCCTCG 180
 CCAATGTCA CCTACTTTTC CTCCACGAAA CAGGATCCAA CAACCCACA GGAATCTCAT 240
 CAGACACAGA CAAAATCCCA TTCCACCCCT ACTACACAAAT CAAAGATATC CTAGGCATCG 300
 TGCTACTAAT CCTCACCCCTC ATACTACTAG TACTGTTAC ACCCGACCTA CTCGGAGACC 360
 CAGACACAGA CACTCCAGCA AACCCACTCA ACACACCCCC TCACATCAAG CCCGAGTGT 420
 atttcctatt tgcataACGCA ATCCTACGAT CAATCCCCAA CAAACTAGGC GG 472

<210> 246
 <211> 472
 <212> DNA
 <213> Ovibos moschatus

<400> 246
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tcccatacat cggcacaaac ctagtcgaat gaatctgagg aggattctcc gtagacaaag 120
ccaccctcac ccgattttt gctttcact ttatcctccc atttatcatc gtagccctcg 180
ctatagtaca tttgctcttc ctccacgaaa cagcatccaa caacccacaa ggaattccat 240
cagacacgga caaaatccca ttccacccct actatacat caaagacatt ctaggcgcca 300
tactactaat ccttaccctt atactactag tattattcac acccgaccta cttggagacc 360
cagacaacta taccggcagca aacccactca acacacccccc tcacattaaa ccagagtgt 420
acttcctatt tgcatacgca atcctacgat caattcctaa caaacttaggc gg 472

<210> 247
<211> 472
<212> DNA
<213> *Oreamnos americanus*

<400> 247
taccatgagg acaaataatca ttctgaggag caacagttat taccacaccc tccttcagcaa 60
ttccatataat tggcacaaac ctagtcgaat gaatctgagg gggattctca gtagacaaag 120
ccaccctgac ccgattcttc gcctttcact ttatccccc attcatcatc gcagccctcg 180
ccatagtcca cctactcttc ctccacgaaa cagcatccaa caacccacaa ggaatccat 240
cgacacacaga taaaattccc ttccacccctt actacaccat taaagacatc ctaggtgcca 300
tcctactaat cctcaccctc atactactag tactattcac gcctgaccta ctcggagacc 360
cagacaacta caccggcagca aacccactta acactccccc tcacatcaaa cctgaatgt 420
acttcctatt tgcatacgca atcctacgat caattcctaa taaacttagga gg 472

<210> 248
<211> 472
<212> DNA
<213> *Cephalophus dorsalis*

<400> 248
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tcccatacat tggcacaaac ttagtcgaat gaatctgagg aggctttca gtagacaaag 120
caactctcac ccgattcttt gctttcact ttatccccc ttttatttatt gcagccctcg 180
ccatagtcca cctactcttc ctccatgaaa cagcatccaa caacccacaa ggagtctcat 240
cgacacacaga caaaatccca ttccacccctt actacaccat taaagacatc ctaggcgccc 300
tactactcat tctagcccta ataattcttag tattattctc acccgactta cttggagacc 360
cagataacta caccggcagca aacccactta acacacccccc ccattttaaa cccgaatgt 420

acttcctatt tgcatacgca atcctacgat caattccaaa caaactagga gg 472

<210> 249
<211> 472
<212> DNA
<213> Cephalophus maxwellii

<400> 249
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caaccctcac tcgattttc gccttccact ttatctccc atttatcatc gcagcccttg 180
ccatagtcca cctactattc ctccacgaaa caggatctaa taACCCACA ggaatctcat 240
cagacgcaga caaaatcccgttccaccct actacactat caaagacatc ctaggcgccc 300
tattacttat tctagcccta ataatcctag tactattctc acccgactta ctcggagatc 360
cagataatta tactccagca aacccactta acacacctcc ccacatcaag cccgaatgat 420
atttcctatt cgcgtacgca attctacgat caattccaaa taaatttagga gg 472

<210> 250
<211> 472
<212> DNA
<213> Alces alces

<400> 250
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caactctaac ccgatttttc gccttccact ttattctccc atttatcatc gcagcacttg 180
ccatagtcca cttacttttc ctccacgaaa caggatccaa caACCCAAACA ggaattccat 240
cagacgcaga caaaatccca tttcaccctt actacactat caaagatatc ttaggtgccc 300
tactcttaac tctttccata atactactag tactctttc accagacctg cttggagacc 360
cagacaacta cacccagct aatccactca acacacccccc tcataattaa g cctgaatgg 420
atttcttatt tgcatacgca attctacgat caatcccaa taaacttaggg gg 472

<210> 251
<211> 472
<212> DNA
<213> Hydropotes inermis

<400> 251
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ctaccctgac ccgattcttc gccttccact tcattttcc atttattcatt gcagcttttg	180
ccatagtgc a cttactttt ctccacgaaa caggatccaa taacccaaaca ggaattccat	240
cagatgcaga taaaattcca tttcatccct actacaccat taaagatatt ctaggtgtac	300
tccttctaat tctttccta atgttattag tccttatttc acctgacctg cttggagacc	360
cagacaatta tactccagca aacccactca atacacccccc tcacattaaa ccagaatgtat	420
atttcttatt tgcatacgca attctacgat ctatccctaa caaatttagga gg	472

<210> 252
<211> 472
<212> DNA
<213> *Muntiacus muntjak*

<400> 252	
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caaccctcac ccgattcttt gccttccact ttatcctccc atttatttattt gcagcacttg	180
ctatagtcca cttactttc ctccacgaaa caggatccaa caatccaaaca ggaattccat	240
cagatgtaga caaaattcct ttccatccct actataccat taaagatatt ttaggtgccc	300
tacttctaat tctttccta atattattag tattattcgt accagacctg ctggagacc	360
ccgacaatta taccggcagca aacccactca atacacccccc tcacatcaag cctgaatgtat	420
atttccatt tgcatacgct attctacgat caattccctaa caaacttagga gg	472

<210> 253
<211> 472
<212> DNA
<213> *Cervus elaphus kansuensis*

<400> 253	
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ttccatacat tggcacaaac ctagtcgaat ggatctgagg aggctttca gtagataaaag	120
caaccctaac ccgatttttc gccttccact ttattctccc atttattcattt gcagcactcg	180
ctatagtaca cttactttc ctccacgaaa caggatccaa taacccaaaca ggaatcccat	240
cagacgcaga caaaatcccc ttccatcctt actataccat taaagatatc ttaggcattt	300
tacttcttagt acttttccta atattactag tattattcgc accagacctg ctggagacc	360

cagacaacta taccccgca aatccactca atacacccccc tcacattaaa cctgaatgat 420
atttcctatt tgcatacgca atcctacgat cgattccaa caaactagga gg 472

<210> 254
<211> 472
<212> DNA
<213> *Cervus elaphus xanthopygus*

<400> 254
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caaccctaac ccgatttttc gctttccact ttattctccc atttatcatc gcagcactcg 180
ctatagtaca cttactcttc ctacgaga caggatccaa taacccaaaca ggaattccat 240
cagacgcaga caaaatcccc ttccatcctt actataccat taaagatatac ttaggcatact 300
tacttctagt actcttccta atattactag tattattcgc accagacctg cttggagacc 360
cagacaacta taccccgca aatccactca acacacccccc tcacattaaa cctgaatgat 420
atttcctatt tgcatacgca atcctacgat cgattccaa caaactagga gg 472

<210> 255
<211> 472
<212> DNA
<213> *Cervus elaphus canadensis*

<400> 255
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ttccatacat tggcacaaac ctagtcgaat gggcttgagg aggctttca gtagataaag 120
caaccctaac ccgatttttc gctttccact ttattctccc atttatcatc gcagcactcg 180
ctatagtaca cttactcttc ctacgaga caggatctaa taacccaaaca ggaatccat 240
cagacgcaga caaaatcccc ttccacccctt actatacgat taaagatatac ttaggtatct 300
tacttctaatt actcttccta atattactag tattattcgc accagatctg cttggagacc 360
cagacaacta taccccgca aatccactca acacacccccc tcacattaaa cctgaatgat 420
atttcctatt tgcatacgca atcctacgat caattccaa caaactagga gg 472